

## Rabbit anti-Human NUP98 Monoclonal Antibody | anti-NUP98 antibody

NUP98 Rabbit mAb

|                               |                       |                            |                                            |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA282986</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>ELISA, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------|--------------------------------------------|

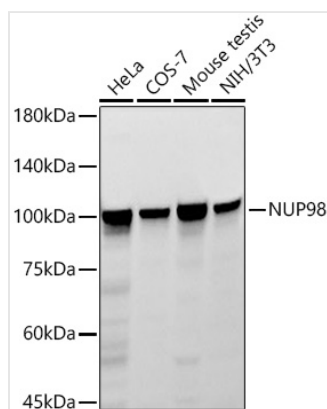
### PRODUCT SYNONYMS

NUP98; Monoclonal Antibody; NUP98 Rabbit mAb; ADIR2; NUP96; NUP196; Nup98-96; anti-NUP98 antibody

### PRODUCT SPECIFICATIONS

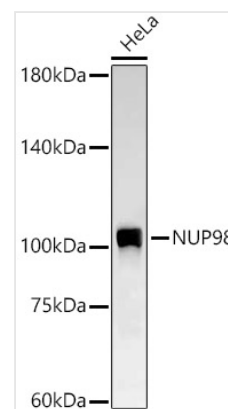
|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Monoclonal                                                                                                                                                                   |
| Isotype                                         | IgG                                                                                                                                                                          |
| Purity/Purification                             | Affinity purification                                                                                                                                                        |
| Form/Format                                     | PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.                                                                                                                   |
| Sequence                                        | DESLQDDREE IENNSYHMHP AGIILTKVGY YTIPSMDDLA KITNEKGECI VSDFTIGRKG YGSIYFEGDV<br>NLTNLNLDDI VHIRRKEVVV YLDDNQKPPV GEGLNRKAEV TLDGVWPTDK TSRLIKSPD RLADINYEGR<br>LEAVSRKQGA QF |
| Applicable Applications for anti-NUP98 antibody | ELISA, WB (Western Blot)                                                                                                                                                     |
| Cross Reactivity                                | Human, Mouse, Monkey                                                                                                                                                         |
| Immunogen                                       | Recombinant fusion protein containing a sequence corresponding to amino acids 712-863 of human NUP98. (NP_001352055.1).                                                      |
| Preparation and Storage                         | Store at -20 degree C. Avoid freeze/thaw cycles.                                                                                                                             |

### IMAGES



#### WB (Western Blot)

Western blot analysis of various lysates using NUP98 Rabbit mAb (AAA282986) at 1:1000 dilution incubated overnight at 4°C. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



#### WB (Western Blot)

Western blot analysis of lysates from HeLa cells, using NUP98 Rabbit mAb (AAA282986) at 1:6000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 180s.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-NUP98 antibody | Nuclear pore complexes (NPCs) regulate the transport of macromolecules between the nucleus and cytoplasm, and are composed of many polypeptide subunits, many of which belong to the nucleoporin family. This gene belongs to the nucleoporin gene family and encodes a 186 kDa precursor protein that undergoes autoproteolytic cleavage to generate a 98 kDa nucleoporin and 96 kDa nucleoporin. The 98 kDa nucleoporin contains a Gly-Leu-Phe-Gly (GLGF) repeat domain and participates in many cellular processes, including nuclear import, nuclear export, mitotic progression, and regulation of gene expression. The 96 kDa nucleoporin is a scaffold component of the NPC. Proteolytic cleavage is important for targeting of the proteins to the NPC. Translocations between this gene and many other partner genes have been observed in different leukemias. Rearrangements typically result in chimeras with the N-terminal GLGF domain of this gene to the C-terminus of the partner gene. Alternative splicing results in multiple transcript variants encoding different isoforms, at least two of which are proteolytically processed. Some variants lack the region that encodes the 96 kDa nucleoporin. |
| Product Categories/Family for anti-NUP98 antibody   | Epigenetics Nuclear Signaling; Nuclear Receptor Signaling; Signal Transduction; Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| NCBI GI #                  | 56549645                                                                       |
| NCBI GeneID                | 4928                                                                           |
| NCBI Accession #           | NP_624358.2                                                                    |
| NCBI GenBank Nucleotide #  | NM_139132.3                                                                    |
| UniProt Accession #        | P52948; Q8IUT2; Q8WYB0; Q96E54; Q9H3Q4; Q9NT02; Q9UF57; Q9UHX0; Q9Y6J4; Q9Y6J5 |
| Molecular Weight           | Calculated MW: 198kDa<br>Observed MW: 98kDa/                                   |
| UniProt Protein Name       | Nuclear pore complex protein Nup98-Nup96                                       |
| UniProt Gene Name          | NUP98                                                                          |
| UniProt Synonym Gene Names | ADAR2; Nup98; Nup96                                                            |
| UniProt Entry Name         | NUP98_HUMAN                                                                    |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nup98-antibody-western-blot-elisa/282986>